



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 03, 1998

MCINTOSH & DOCKERY LLC
DAVID F. DOCKERY
8000 E. PRENTINCE AVE., B-6
ENGLEWOOD, CO 80111

McINTOSH & DOCKERY
PAS
Received

Received

A standard linear barcode is positioned horizontally across the page, consisting of vertical black bars of varying widths on a white background.

100809584A

DEC 14 1998

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/24/1998

REEL/FRAME: 9399/0524
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: KODAS, TOIVO T. DOC DATE: 05/20/1998

ASSIGNOR: HAMPDEN-SMITH, MARK J. DOC DATE: 05/20/1998

ASSIGNOR: CARUZO, JAMES DOC DATE: 05/20/1998

ASSIGNOR: SKAMSER, DANIEL J. DOC DATE: 05/20/1998

ASSIGNOR: POWELL, QUINT H. DOC DATE: 05/20/1998

ASSIGNOR: CHANDLER CLIVE D. DOC DATE: 05/20/1998

ASSIGNEE:

NANOCHEM RESEARCH LLC
3740 HAWKINS NE
ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051
PATENT NUMBER:

FILING DATE: 02/24/1998
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-28-1998

PATENT APPLICATION

100809584

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MRD 8-24-98
 In Re the Application of:) Group Art Unit: 1742
 Kodas et al.) Examiner:
 Serial No.: 09/030,051)
 Filed: February 24, 1998)
 Atty. File No.: NAN-004-5)
 For: "COPPER POWDERS, METHODS)
 FOR PRODUCING POWDERS AND)
 DEVICES FABRICATED FROM)
 SAME"

RECORDATION OF ASSIGNMENT

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC, 20231 ON THIS 20th DAY OF August, 1998.

McINTOSH & DOCKERY LLC

BY: Janelle Fast Janelle Fast

BOX ASSIGNMENTS
 Assistant Commissioner
 for Patents
 Washington, D.C. 20231

Dear Sir:

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

Toivo T. Kodas
 Mark J. Hampden-Smith
 James Caruso
 Daniel J. Skamser
 Quint H. Powell
 Clive D. Chandler

2. Name and address of receiving party(ies):

Nanochem Research LLC
 3740 Hawkins NE
 Albuquerque, NM 87109

3. Nature of Conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other: _____ | |

Execution Date: May 20, 1998

4. Application number(s) or patent number(s)

00/0000022 09030051
 08/28/1998 TT0011
 01 FC:581
 40.00 UP

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/030,051

B. Patent No.(s): None.

5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery
McIntosh & Dockery LLC
8000 E. Prentice Ave., B-6
Englewood, Colorado 80111

6. Total number of applications and patents involved:
1.

7. Total fee (37 CFR 3.41).....\$40.00.

[X] Enclosed

[] Authorized to be charged to deposit account.

8. Deposit account number: 13-2496.

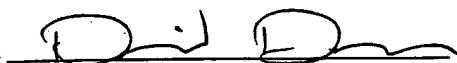
9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: 4

Respectfully submitted,

MCINTOSH & DOCKERY LLC

By: 

David F. Dockery
Registration No. 34,323
8000 E. Prentice Ave.,
Suite B-6
Englewood, CO 80111
(303) 689-9120

Date: August 20, 1998

ASSIGNMENT

WHEREAS, I, Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123 and Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: May 20 1998

By: Clive D. Chandler
Clive D. Chandler

STATE OF Oregon)
)
) ss.
COUNTY OF Washington)

Before me, a Notary Public in and for said County and State, personally appeared Clive D. Chandler, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 20 day of May, 1998.



Lisa M. Rogers
Notary Public

My Commission Expires: 12-18-2001



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

**ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231**

DECEMBER 03, 1998

MCINTOSH & DOCKERY LLC
DAVID F. DOCKERY
8000 E. PRENTINCE AVE., B-6
ENGLEWOOD, COLORADO 80111

MCINTOSH & BOCKERY
PTAS Received

DEC 14 1998



100809488A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 08/20/1998

REEL/FRAME: 9399/0711
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: KODAS, TOIVO T. DOC DATE: 03/30/1998

ASSIGNOR: HAMPDEN-SMITH, MARK J. DOC DATE: 03/30/1998

ASSIGNOR: CARUSO, JAMES DOC DATE: 03/30/1998

ASSIGNOR: SKAMSER, DANIEL J. DOC DATE: 03/30/1998

ASSIGNOR: POWELL, QUINT H. DOC DATE: 03/30/1998

ASSIGNOR: CHANDLER, CLIVE D. DOC DATE: 03/30/1998

ASSIGNEE:

NANOCHEM RESEARCH LLC
3740 HAWKINS NE
ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051
PATENT NUMBER:

FILING DATE: 02/24/1998
ISSUE DATE:

MAURICE CARTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-28-1998



PATENT APPLICATION

100809488

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

) Group Art Unit: 1742

Kodas et al.

) Examiner:

Serial No.: 09/030,051

)

RECORDATION OF ASSIGNMENT

Filed: February 24, 1998

)

Atty. File No.: NAN-004-5

)

For: "COPPER POWDERS, METHODS
FOR PRODUCING POWDERS AND
DEVICES FABRICATED FROM
SAME"

)

BOX ASSIGNMENTS

Assistant Commissioner
for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE
ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC,
20231 ON THIS 20th DAY OF August, 1998.

MCINTOSH & DOCKERY LLC

BY: Janelle Fast Janelle Fast

Dear Sir:

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

Toivo T. Kodas
Mark J. Hampden-Smith
James Caruso
Daniel J. Skamser
Quint H. Powell
Clive D. Chandler

2. Name and address of receiving party(ies):

Nanochem Research LLC
3740 Hawkins NE
Albuquerque, NM 87109

3. Nature of Conveyance:

Assignment
 Security Agreement
 Other: _____

Merger
 Change of Name

Execution Date: March 30, 1998

4. Application number(s) or patent number(s)

40.00 00
000000048 09030051
08/28/1998 TT08H1
01 FC-581

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 09/030,051
- B. Patent No.(s): None.
5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery
McIntosh & Dockery LLC
8000 E. Prentice Ave., B-6
Englewood, Colorado 80111

6. Total number of applications and patents involved:
1.

7. Total fee (37 CFR 3.41) \$40.00.

[X] Enclosed

[] Authorized to be charged to deposit account.

8. Deposit account number: 13-2496.

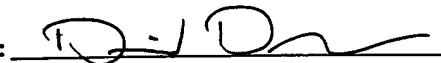
9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: 4

Respectfully submitted,

MCINTOSH & DOCKERY LLC

By: 
David F. Dockery
Registration No. 34,323
8000 E. Prentice Ave.,
Suite B-6
Englewood, CO 80111
(303) 689-9120

Date: August 20, 1992

ASSIGNMENT

WHEREAS, I, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 3/30/98 By: Toivo T. Kodas
Toivo T. Kodas

STATE OF New Mexico)
COUNTY OF Bernalillo) ss.
)

Before me, a Notary Public in and for said County and State, personally appeared Toivo T. Kodas, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 30th day of March, 1998

Doris Shearer
Notary Public

My Commission Expires: Sept 11th, 2001

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 02, 1998

MCINTOSH & DOCKERY LLC
DAVID F. DOCKERY
8000 E. PRENTINCE AVE., B-6
ENGLEWOOD, CO 80111MCINTOSH & DOCKERY
PTAS Received

DEC 14 1998



100805325A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 08/20/1998

REEL/FRAME: 9397/0992

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: KODAS, TOIVO T. DOC DATE: 03/24/1998

ASSIGNOR: HAMPDEN-SMITH, MARK J. DOC DATE: 03/24/1998

ASSIGNOR: CARUSO, JAMES DOC DATE: 03/24/1998

ASSIGNOR: SKAMSER, DANIEL J. DOC DATE: 03/24/1998

ASSIGNOR: POWELL, QUINT H. DOC DATE: 03/24/1998

ASSIGNOR: CHANDLER, CLIVE D. DOC DATE: 03/24/1998

ASSIGNEE:

NANOCHEM RESEARCH LLC
3740 HAWKINS NE
ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051

PATENT NUMBER:

FILING DATE: 02/24/1998

ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-28-1998



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:) Group Art Unit: 1742

Kodas et al.) Examiner:

Serial No.: 09/030,051)

Filed: February 24, 1998)

Atty. File No.: NAN-004-5)

For: "COPPER POWDERS, METHODS
FOR PRODUCING POWDERS AND
DEVICES FABRICATED FROM
SAME")

BOX ASSIGNMENTS

Assistant Commissioner
for Patents
Washington, D.C. 20231

Dear Sir:

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies) :

Toivo T. Kodas
 Mark J. Hampden-Smith
 James Caruso
 Daniel J. Skamser
 Quint H. Powell
 Clive D. Chandler

2. Name and address of receiving party(ies) :

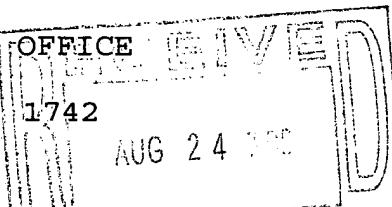
Nanochem Research LLC
 3740 Hawkins NE
 Albuquerque, NM 87109

3. Nature of Conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other: _____ | |

Execution Date: March 24, 1998

4. Application number(s) or patent number(s)



RECORDATION OF ASSIGNMENT

CERTIFICATE OF MAILING	
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC 20231 ON THIS <u>20th</u> DAY OF <u>August, 1998</u> .	
BY:	Janelle Fast
McINTOSH & DOCKERY LLC	

BY:

Janelle Fast

40.00 00

08/28/1998 TTCH11 00000034-00030051

01 FC:581

ASSIGNMENT

WHEREAS, I, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

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IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date:

3/24/98

By:

Daniel J. Skamser



If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 09/030,051
- B. Patent No.(s): None.
5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery
McIntosh & Dockery LLC
8000 E. Prentice Ave., B-6
Englewood, Colorado 80111

6. Total number of applications and patents involved:
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7. Total fee (37 CFR 3.41) \$40.00.

[X] Enclosed

[] Authorized to be charged to deposit account.

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Total number of pages including cover sheet, attachments and document: 4

Respectfully submitted,

MCINTOSH & DOCKERY LLC

By: 
David F. Dockery
Registration No. 34,323
8000 E. Prentice Ave.,
Suite B-6
Englewood, CO 80111
(303) 689-9120

Date: August 20, 1998

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IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date:

3/24/98

By:

Daniel J. Skamser



STATE OF New Mexico)
) ss.
COUNTY OF Bernalillo)

Before me, a Notary Public in and for said County and State, personally appeared Daniel J. Skamser, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 24th day of March, 1998.

Dan Skamser
Notary Public

My Commission Expires: Sept. 11, 2001



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 03, 1998

MCINTOSH & DOCKERY LLC
DAVID F. DOCKERY
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ENGLEWOOD, COLORADO 80111

McINTOSH & DOCKERY
Received

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DEC 14 1998

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/20/1998

REEL/FRAME: 9399/0853
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: KODAS, TOIVO T. DOC DATE: 03/24/1998

ASSIGNOR: HAMPDEN-SMITH, MARK J. DOC DATE: 03/24/1998

ASSIGNOR: CARUSO, JAMES DOC DATE: 03/24/1998

ASSIGNOR: SKAMSER, DANIEL J. DOC DATE: 03/24/1998

ASSIGNOR: POWELL, QUINT H. DOC DATE: 03/24/1998

ASSIGNOR: CLIVE D. CHANDLER
CHANDLER, CLIVE D. DOC DATE: 03/24/1998

ASSIGNEE:

NANOCHM RESEARCH LLC
3740 HAWKINS NE
ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051
PATENT NUMBER:

FILING DATE: 02/24/1998
ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-28-1998



100809495

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:) Group Art Unit: 1742
Kodas et al.)
Serial No.: 09/030,051)
Filed: February 24, 1998)
Atty. File No.: NAN-004-5)
For: "COPPER POWDERS, METHODS)
FOR PRODUCING POWDERS AND)
DEVICES FABRICATED FROM)
SAME"

) Examiner:

RECORDATION OF ASSIGNMENT

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC 20231 ON THIS 20th DAY OF August, 1998.

McINTOSH & DOCKERY LLC

BY: Janelle Fast Janelle Fast

BOX ASSIGNMENTS
Assistant Commissioner
for Patents
Washington, D.C. 20231

Dear Sir:

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

Toivo T. Kodas
Mark J. Hampden-Smith
James Caruso
Daniel J. Skamser
Quint H. Powell
Clive D. Chandler

2. Name and address of receiving party(ies):

Nanochem Research LLC
3740 Hawkins NE
Albuquerque, NM 87109

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Date: March 24, 1998

4. Application number(s) or patent number(s)

08/28/1998 TT0011 09000451 09030051
01 FC:581

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/030,051

B. Patent No.(s): None.

5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery
McIntosh & Dockery LLC
8000 E. Prentice Ave., B-6
Englewood, Colorado 80111

6. Total number of applications and patents involved:
1.

7. Total fee (37 CFR 3.41) \$40.00.

[X] Enclosed

[] Authorized to be charged to deposit account.

8. Deposit account number: 13-2496.

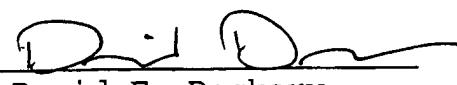
9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: 4

Respectfully submitted,

MCINTOSH & DOCKERY LLC

By: 

David F. Dockery
Registration No. 34,323
8000 E. Prentice Ave.,
Suite B-6
Englewood, CO 80111
(303) 689-9120

Date: August 20, 1998

ASSIGNMENT

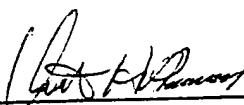
WHEREAS, I, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 3-24-98

By: 
Quint H. Powell

STATE OF New Mexico)
) ss.
COUNTY OF Bernalillo)

Before me, a Notary Public in and for said County and State, personally appeared Quint H. Powell, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 24 day of March, 1998.

Jeri Shaeffer
Notary Public

My Commission Expires: September 11th, 2001



STATES OF A
U.S. PATENT
McINTOSH & NOVOTNY
Washington

Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 03, 1998

MCINTOSH & DOCKERY LLC
DAVID F. DOCKERY
8000 E. PRENTINCE AVE., B-6
ENGLEWOOD, COLORADO 80111

PTAS

DEC 14 1998



100809580A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION
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AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/25/1998

REEL/FRAME: 9399/0504
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KODAS, TOIVO T

DOC DATE: 03/25/1998

ASSIGNOR:
HAMPDEN-SMITH, MARK J.

DOC DATE: 03/25/1998

ASSIGNOR:
CARUSO, JAMES

DOC DATE: 03/25/1998

ASSIGNOR:

DOC DATE: 03/25/1998

ASSIGNOR:
POWELL, QUINT H.

DOC. DATE: 03/25/1998

ASSIGNOR:
CHANDLER, CLIVE D.

DOC DATE: 03/25/1998

ASSIGNEE:

NANOCHEM RESEARCH LLC
3740 HAWKINS NE
ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051
PATENT NUMBER:

FILING DATE: 02/24/1998
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-28-1998



PATENT APPLICATION

100809580

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

mRD 8-24-98
 In Re the Application of:) Group Art Unit: 1742
 Kodas et al.)
 Serial No.: 09/030,051) Examiner:
 Filed: February 24, 1998)
 Atty. File No.: NAN-004-5)
 For: "COPPER POWDERS, METHODS)
 FOR PRODUCING POWDERS AND)
 DEVICES FABRICATED FROM)
 SAME"

RECORDATION OF ASSIGNMENT

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
 DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
 FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE
 ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC,
 20231 ON THIS 20th DAY OF August, 1998.

McINTOSH & DOCKERY LLC

BY: Janelle Fast Janelle Fast

BOX ASSIGNMENTS
 Assistant Commissioner
 for Patents
 Washington, D.C. 20231

Dear Sir:

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies) :

Toivo T. Kodas
 Mark J. Hampden-Smith
 James Caruso
 Daniel J. Skamser
 Quint H. Powell
 Clive D. Chandler

2. Name and address of receiving party(ies) :

Nanochem Research LLC
 3740 Hawkins NE
 Albuquerque, NM 87109

3. Nature of Conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other: _____ | |

Execution Date: March 25, 1998

4. Application number(s) or patent number(s)

40.00 ~~00~~

00/28/1998 TT0011 00000025 09030051

01 FC:581

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/030,051

B. Patent No.(s): None.

5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery
McIntosh & Dockery LLC
8000 E. Prentice Ave., B-6
Englewood, Colorado 80111

6. Total number of applications and patents involved:
1.

7. Total fee (37 CFR 3.41)\$40.00.

[X] Enclosed

[] Authorized to be charged to deposit account.

8. Deposit account number: 13-2496.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: 4

Respectfully submitted,

McINTOSH & DOCKERY LLC

By: D. J. D.
David F. Dockery
Registration No. 34,323
8000 E. Prentice Ave.,
Suite B-6
Englewood, CO 80111
(303) 689-9120

Date: August 20, 1998

ASSIGNMENT

WHEREAS, I, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122 together with Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

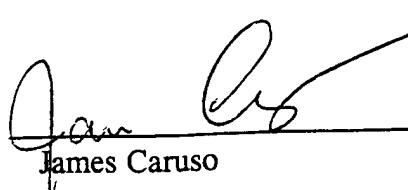
The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date:

3/25/98

By:


James Caruso

STATE OF New Mexico)
COUNTY OF Bernalillo) ss.

Before me, a Notary Public in and for said County and State, personally appeared James Caruso, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 25th day of March, 1998.

Dina Skemper
Notary Public

My Commission Expires: Sept 11, 2001



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
McINTOSH & DOOKERY P.C. 20231

DECEMBER 03, 1998

MCINTOSH & DOCKERY LLC
DAVID F. DOCKERY
8000 E. PRENTINCE AVE., B-6
ENGLEWOOD, COLORADO 80111

PTAS

Received

DEC 14 1998



100809570A

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RECORDATION DATE: 08/20/1998

REEL/FRAME: 9399/0476
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KODAS, TOIVO T.

DOC DATE: 03/27/1998

ASSIGNOR:
HAMPDEN-SMITH, MARK J.

DOC DATE: 03/27/1998

ASSIGNOR:
CARUSO, JAMES

DOC DATE: 03/27/1998

ASSIGNOR:
SKAMSER, DANIEL J.

ASSIGNOR:
POWELL, QUINT H.

ASSIGNOR:
CHANDLER, CLIVE D.

ASSIGNEE:

NANOCHM RESEARCH LLC
3740 HAWKINS NE
ALBUQUERQUE, NEW MEXICO 87109

SERIAL NUMBER: 09030051
PATENT NUMBER:

FILING DATE: 02/24/1998
ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-28-1998



PATENT APPLICATION

100809570

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:) Group Art Unit: 1742
)
 Kodas et al.) Examiner:
)
 Serial No.: 09/030,051)
)
 Filed: February 24, 1998)
)
 Atty. File No.: NAN-004-5)
)
 For: "COPPER POWDERS, METHODS)
 FOR PRODUCING POWDERS AND)
 DEVICES FABRICATED FROM)
 SAME")

RECORDATION OF ASSIGNMENT

AUG 24 1998

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
 DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
 FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE
 ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC,
 20231 ON THIS 20 DAY OF August, 1998.

MCINTOSH & DOCKERY LLC

BY: Janelle Fast Janelle Fast

BOX ASSIGNMENTS
 Assistant Commissioner
 for Patents
 Washington, D.C. 20231

Dear Sir:

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

Toivo T. Kodas
 Mark J. Hampden-Smith
 James Caruso
 Daniel J. Skamser
 Quint H. Powell
 Clive D. Chandler

2. Name and address of receiving party(ies):

Nanochem Research LLC
 3740 Hawkins NE
 Albuquerque, NM 87109

3. Nature of Conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other: _____ | |

Execution Date: March 27, 1998

4. Application number(s) or patent number(s)

40.00

08/28/1998 TTBN1 00000056 09030051

01 FC:581

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 09/030,051
- B. Patent No.(s): None.
5. Name and address of party to whom correspondence concerning documents should be mailed:

David F. Dockery
McIntosh & Dockery LLC
8000 E. Prentice Ave., B-6
Englewood, Colorado 80111

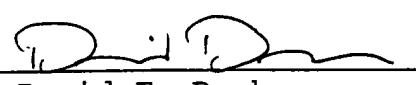
6. Total number of applications and patents involved:
1.
7. Total fee (37 CFR 3.41)\$40.00.
- [X] Enclosed
- [] Authorized to be charged to deposit account.
8. Deposit account number: 13-2496.
9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: 4

Respectfully submitted,

MCINTOSH & DOCKERY LLC

By: 
David F. Dockery
Registration No. 34,323
8000 E. Prentice Ave.,
Suite B-6
Englewood, CO 80111
(303) 689-9120

Date: August 20, 1998

ASSIGNMENT

WHEREAS, I, Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131 together with Toivo T. Kudas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123, Daniel J. Skamser of 10327 Hackamore Pl. SW, Albuquerque, NM 87121 and Clive D. Chandler of 10706 SW Capital Highway No. 44, Portland, OR 97219 have invented a certain new and useful invention entitled "COPPER POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME" for which an application for Letters Patent of the United States has been prepared and filed on February 24, 1998, receiving Serial No. 09/030,051, and further identified as Attorney File No. NAN-004-5.

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, New Mexico corporation having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 3-27-98

By: Mark J. Hampden-Smith
Mark J. Hampden-Smith

STATE OF New Mexico)
COUNTY OF Bernalillo) ss.
)

Before me, a Notary Public in and for said County and State, personally appeared Mark J. Hampden-Smith, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 27th day of March, 1998.

Mark Shumser
Notary Public

My Commission Expires: Sept 11, 2001